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Symposium on Toxicological Information

Over five hundred busy men and women representing industry, the academic community, and State and Federal government gathered in NIH's Masur Auditorium on May 27-28 to attend the Symposium on the Handling of Toxicological Information. Chairman of the Symposium was Dr. Henry M. Kissman, NLM Associate Director for Specialized Information services. Dr. Kissman also serves as chairman of the Toxicology Information Subcommittee of the DHEW Committee to Coordinate Toxicology and Related Programs, which sponsored the Symposium.

Dr. Kissman and Dr. George J. Cosmides, Deputy Associate Director for Specialized Information Services, described to the Symposium the Library's Toxicology Information Program and the information services currently being offered by the Library as well as those being developed under the sponsorship of the DHEW Toxicology Committee. The Library's services include TOXLINE®, CHEMLINE®, CANCERLINE®, and the Toxicology Data Bank. The major projects sponsored by the Committee are the Laboratory Animal Data Bank, the Toxicology Data and Document Depository, and the Toxicology Project Information System which publishes quarterly directories of toxicology research-in-progress.

The genesis of the DHEW Toxicology Committee was reviewed by Dr. David P. Rall, Committee chairman, who noted that it was established in 1973 by the HEW Assistant Secretary for Health. The Committee is a multiagency group to assure exchange of information on toxicology and related programs, to coordinate these programs, to enhance sharing of resources, and to provide advice to the Department. Dr. Rall stressed that its meetings were open and announced in the *Federal Register*. The Committee grapples with diverse topics ranging from the proper way to study the toxicity of ingested asbestos to the significance of mutagenicity tests.

"Unmet Information Needs for Special User Groups" were discussed by Judith Randal of the New York Daily News, Dr. Sidney M. Wolfe of Public Citizens Health Research Group, Dr. Leon Golberg of the Chemical Industry Institute of Toxicology, and Robert L. Chartrand of the Library of Congress.

The main part of the Symposium was divided into sessions on "The Past," "The Present," and "The Future." A series of panel discussions dealt with different aspects of handling toxicological information: sources of information, interorganizational activities, environmental protection, legislation, information for decision-making, and the needs of special user groups.

Proceedings of the Symposium will be published late in the year. *News* readers in-

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NATIONAL LIBRARY OF MEDICINE
NEWS

Martin M. Cummings, M.D. Director, NLM

Robert B. Mehnert, Public Information Officer
Roger L. Gilkeson, Editor (301) 496-6308
Daniel L. Carangi, Graphics

8600 Rockville Pike, Bethesda, Maryland 20014

terested in being notified of publication should send a complete mailing address to Dr. George J. Cosmides, Specialized Information Services, National Library of Medicine, 8600 Rockville Pike, Bethesda, MD 20014.

Lister Hill Center Awards Contract For Simulation Studies

Simulation techniques are of increasing importance in medical education. Giving the student experience in dealing with situations that are as close as possible to those he may encounter later in his practice, simulation offers obvious advantages to both students and teachers.

To get a clearer picture of the role of simulation in medical education, NLM's Lister Hill National Center for Biomedical Communications awarded a contract to Michigan State University's Office of Medical Education, Research and Development. The following are some of the products expected from the contract:

- A detailed list of some 180 ongoing and completed projects in simulation.
- A list of organizations funding research or development in creating, using, or evaluating simulation in medical education.
- An annotated bibliography on simulation.
- A survey of faculty needs and preferences for simulation, and an evaluation design for future testing of simulation effectiveness.

News readers will be advised when these are available. Those who wish to be put on a special mailing list should write to Dr. Harold Wooster, Lister Hill Center, NLM.

Awards

NLM Deputy Director **Melvin S. Day** was presented a Public Health Service Superior Service award by HEW Assistant Secretary for Health, Dr. Theodore Cooper, at the first PHS Honor Awards Ceremony on May 14. It is the highest award for Civil Service employees in the PHS, recognizing superior contributions of an extraordinary nature over a period of time. Mr. Day was cited for "administrative and technical leadership skills and dedication to excellence in applying technological advances to improved communications directed toward transmitting scientific knowledge to public health and medical care."

Stanley Jablonski, Head of NLM's Index Section, has received an NIH Director's Award presented at the Eighth Annual NIH Honors Awards ceremony on June 28. Dr. Donald S. Fredrickson, NIH Director, presented the award, which cited Mr. Jablonski's "leadership in maintaining a high standard of quality in the indexing for *Index Medicus,* and for his independently authored, highly regarded, specialized medical lexicons."

Myron J. Adams, Jr., M.D., of the National Medical Audiovisual Center has received the 1976 NLM Regents Award for Scientific or Technical Achievement. The award was

Dr. Adams (1.), receiving the 1976 Regents Award from Dr. Hubbard, Board Chairman.

Dr. Cummings (1.) and Mr. Berkowitz, recipient of the NLM Director's Honor Award.

presented at the June meeting of the NLM Board of Regents by Board Chairman W. N. Hubbard, Jr., M.D. Dr. Adams, Acting Chief of NMAC's Materials Development Branch, was cited for "the successful application of educational methodology and learning theory to the design and use of audiovisual technology." To illustrate his achievements, the Board was shown part of Dr. Adams' highly acclaimed series of self-instructional units concerning congenital heart defects. The Regents Award was established in 1970 "to recognize and stimulate independent creativity leading to scholarly and/or technical achievements which enrich biomedicine."

At the same meeting of the Board, NLM Director Martin M. Cummings, M.D., presented the NLM Director's Honor Award to **Albert M. Berkowitz,** Head of the Reference Services Division. In making the award, Dr. Cummings cited Mr. Berkowitz for "your superb utilization of expert librarianship and unique personal sensitivity in serving the diverse needs of the community of users of the National Library of Medicine. Through your special efforts and management skills it has been possible for NLM to maintain its high level of service to the user during a period of greatly increased demands for reader, reference, and interlibrary services."

Duke Medical Library Dedication

Ceremonies to dedicate the Duke University Medical Center's new communications center and library—the Seeley G. Mudd Building—were held on May 8. Participating in the program was Dr. Cummings, who was a medical student on that campus some 35 years ago and who later served on the Board of Visitors.

In his remarks, Dr. Cummings noted the long and careful planning that resulted in the "magnificent edifice" at Duke. He presented to Dr. Warren Bird, director of the library, a copy of Dr. Samuel Cooper's early work *The First Lines of the Practice of Surgery,* published in Hanover, New Hampshire, in 1815.

New BLRC Members Named

Four new members have been named to the Biomedical Library Review Committee. The Committee meets three times a year to review grant applications. The new members replace Dr. Ralph G. Meader, Dr. William G. Cooper, Dr. Jessie C. Smith, and Professor Pauline A. Atherton, whose terms expire June 30. (A list of the other BLRC members can be found in the August 1975 *News.*) The new members, appointed to a four-year term, are:

Mr. Elmer Friman, Director
Medical Educational Resources Program
Indiana University School of Medicine

Donald A. B. Lindberg, M.D.
Director, Information Science Group
Professor of Pathology
School of Medicine
University of Missouri—Columbia

Mr. Warren A. Sawyer
Director of Libraries
Medical University of South Carolina

John F. Sherman, Ph.D.
Vice President and Director
Department of Planning and Policy Development
Association of American Medical Colleges

"Swine Influenza" and Other New Literature Searches

The Library has published eight new bibliographies, including one on "Swine Influenza," resulting from searches of the MEDLINE data base (see below). A complete list of these and other Literature Searches (available without charge) appears in each issue of *Index Medicus* and *Abridged Index Medicus*. When requesting Literature Searches, please include title and number, *enclose a self-addressed gummed label,* and mail to:

Literature Search Program
Reference Section
National Library of Medicine
8600 Rockville Pike
Bethesda, Maryland 20014

LS 76-24 *Psychosurgery.* January 1974 through April 1976. 252 citations.

LS 76-25 *Recombinant DNA.* January 1974 through April 1976. 174 citations.

LS 76-26 *Sex roles: their influence on individual behavior and on social institutions.* January 1974 through April 1976. 275 citations.

LS 76-27 *Herbal medicine.* January 1974 through May 1976. 121 citations.

LS 76-28 *Licorice in the treatment of peptic ulcer.* January 1974 through May 1976. 56 citations.

LS 76-29 *Swine influenza.* January 1966 through May 1976. 148 citations.

LS 76-30 *Post-partum depression.* January 1974 through May 1976. 44 citations.

LS 76-31 *Sarcoidosis.* January 1974 through May 1976. 361 citations in English or with English abstract.

NLM Serial Gap List

The following journal issues are this month's continuation to the list of gaps in the Library's collection. If you can supply any of these items, please address them to:

National Library of Medicine
TSD-GAPS
8600 Rockville Pike
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Alberta Medical Bulletin 32:4, 1967
British Columbia Medical Journal 13:7, 1971; 14:3, 1972; 15:12, 1973
British Journal of Plastic Surgery 16, 1963; 17, 1964
Canadian Journal of Physics 41:2,3, 1963
Canadian Veterinary Medical Journal 11:7,9, 11,12, 1970
Hospital Administration in Canada 11:6, 1969; 12:2, 1970; 15:1-12, 1973
Hospital Forum 17: June, 1974
International Journal of Aging and Human Development 4:1,2,4, 1973
International Journal of Biochemistry 4:19, 1973
International Journal of Neuroscience 6:5,6, 1973
Journal of the New York State Nurses Association 2:1-4, 1971; 3:1-4, 1972; 4:1-2, 1973, 5:1, 1974
Journal of Oral Rehabilitation 1:1, 1974
Medical Group Management 16, 1969
Michigan Nurse 40:2, 1967; 43:1, 1970; 44:7,8, 1971; 45:2,3,5,6,7, 1972; 46:3, 1973; 47:4,5,7,8, 1974
Modern Medicine of Canada 21:1, 1966; 23:8, 1968; 24:12, 1969; 26:7, 1971
Nova Scotia Medical Bulletin 50:3,4, 1971
Occupational Health 23:10, 1971; 26:1-12, 1974
Ontario Psychologist v. 1-5, 1969-73
Proceedings of the Malacological Society of London 35, 1963

Science, Medicine, and Man 1:1-3, 1973
Scientific Basis of Medicine 7, 1973
Tar Heel Nurse 29:1-4, 1967; 33:1-4, 1971; 35:8, 1973; 36:3,10, 1974
Texas Dental Assistants Association Bulletin 23:1, 1965; 24:2,4, 1966; 25:2, 1967; 26:2, 1968; 27:1,2, 1969
Texas Nursing 47:1-3,7,9,10, 1973; 48:4-6, 1974

NMAC Self-Instructional Units: Basic Pathology Series Update

The Library's National Medical Audiovisual Center has announced the release of seven new units in its Basic Pathology Series—a series of audiovisual (slide/tape) self-instructional units for medical students. The units may be purchased from the National Audiovisual Center (NAC), Order Section, Washington, D.C. 20409. They are not available for loan, rental, or preview. Further information about the series is available by writing the National Medical Audiovisual Center (NMAC), Atlanta, Georgia 30333. The titles in the series which are now available (including three previously released units) are:

Alcoholic Cirrhosis (S-2962) $15.50
Chronic Interstitial Pulmonary Fibrosis (S-2958) $16.50
Concepts in Basic Neuropathology (S-2964) $13.75
Infections of the Central Nervous System (S-2965) $17.25
Viral Hepatitis (S-2963) $16.50
Diseases of the Kidney: Glomerulonephritis (S-2954) $18.00
Inflammation (S-2957) $18.75
Immune Complexes and Disease (S-2951) $12.00
Disorders of the Stomach and Duodenum (S-2952) $17.00
Diseases of the Kidney—Infections of the Kidney and the Urinary Tract (S-2956) $18.75

Publication Notes

On-Line Services Reference Manual

The second update to the operating manual for NLM's on-line data bases is now available from the National Technical Information Service (NTIS) The update provides replacement pages for sections on CATLINE® TOXLINE® and CHEMLINE® and new sections on AVLINE CANCERPROJ, and EPILEPSY. Order from NTIS (Springfield, Virginia 22161) by full title *(On-Line Services Reference Manual, Update II, March 1976)* and accession number *PB-253-417.* The price is *$6.00* ($2.25 microfiche)

NTIS is also selling a version of the manual which combines the original manual with its two updates. This complete manual may be purchased for *$10.75* ($2.25 microfiche). Title: *On-Line Services Reference Manual (Including Update I, July 1975, and Update II, March 1976);* accession number *PB-253-557 (Supersedes PB-240-126).*

HMD Bibliography, No. 9, 1973

The ninth in the Library's series of annual bibliographies on the history of medicine may now be ordered from the Superintendent of Documents. Compiled by NLM's History of Medicine Division, the 589-page bibliography includes approximately 5,500 citations representing all periods and geographical areas. Orders with remittance (*$7.40* domestic, *$9.25* foreign) should be sent to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Include full title *(Bibliography of the History of Medicine, No. 9, 1973),* catalog number *(HE 20.3615:9),* and stock number *(S/N 017-052-00163-9)*

Extramural Programs Brochure

A new brochure describing the Library's various grant programs is available by writing to the Associate Director for Extramural Programs, NLM. Requests for the brochure—titled *Extramural Programs, National Library of Medicine*—should be accompanied by a self-addressed mailing label (no postage necessary).

Index Medicus

Index Medicus has increased in size to the point that the printer is experiencing binding difficulties. Beginning with the July issue, *Index Medicus* will be printed on a lighter weight paper stock....The March issue of *IM* is in one part; the spine and cover were inadvertently printed with the designation "Part 1."

History of Influenza Epidemic

A work supported in part by a fellowship from NLM has made a recent (and timely) appearance. *Epidemic and Peace, 1918,* by Alfred W. Crosby, Jr., was published in March by Greenwood Press of Westport, Connecticut. The casebound, illustrated, 337-page book ($17.50) is a history of the 1918 "Spanish influenza" epidemic, whose toll was twice as many as died in combat on all fronts during World War I. The current interest in swine influenza should assure a lively interest in this new work.

Self-Instructional Unit

Clearance: The Glomerular Filtration Rate (Self-Instructional Unit—Release No. P-2628-X) is a booklet designed for medical students (and other students of the health sciences professions) studying physiology. Prepared by John M. Ginski, Ph.D., Department of Physiology and Biophysics, University of Tennessee Medical Units, the work was supported under contract by the Bureau of Health Manpower's Learning Resources Branch and the Library's National Medical Audiovisual Center. It is available for *$3.50* ($2.25 microfiche) from the National Technical Information Service (Springfield, Virginia 21161). Order by title and accession number *PB-253-298.*

Briefly Noted

NLM Authorization Passes House

On May 21 the House of Representatives passed, by a vote of 268—8, H.R. 12670, a bill to extend until September 30, 1979, the authorizations for programs of the National Library of Medicine, the National Center for Health Services Research, and the National Center for Health Statistics. The Senate has not yet acted on this bill.

Advisor for LADB Named

The Library has signed a contract with the Institute of Laboratory Animal Resources (ILAR) of the National Academy of Sciences. Under the contract, ILAR will provide NLM with advisory reports regarding its Laboratory Animal Data Bank (LADB) project (*News,* October-November 1975). LADB will be an on-line, computerized data retrieval system containing descriptive information and base-line data on selected strains of commonly used laboratory animals.

Computer Based Educational Material

A workshop to establish appraisal guidelines and bibliographic control methods for computer based educational material (CBEM) was held at NLM May 17-18. The workshop was hosted by the Association of American Medical Colleges and the Lister Hill National Center for Biomedical Communications. *News* readers will be informed of further developments as the guidelines are finally formulated.

Personnel Notes

Recent gains and losses to NLM's staff:

New employee

Kathleen A. O'Brien, Office of Program Analysis and Legislation, Office of Administration.

Retiring employees

Lorin E. Sweazy, TV Operations Technician, Materials Development Branch, National Medical Audiovisual Center.

Rose L. Wolitzky, Contracts Specialist, Office of Contracts Management, Office of Administration.

Summer Hours

Between June 1 and September 3 the Library will be open from 8:30 a.m. to 5:00 p.m. Monday through Saturday. The Library will be closed for the Labor Day weekend (September 4-6), after which regular hours will be in effect: Monday through Friday, 8:30 a.m. to 9:00 p.m.; Saturday 8:30 to 5:00.

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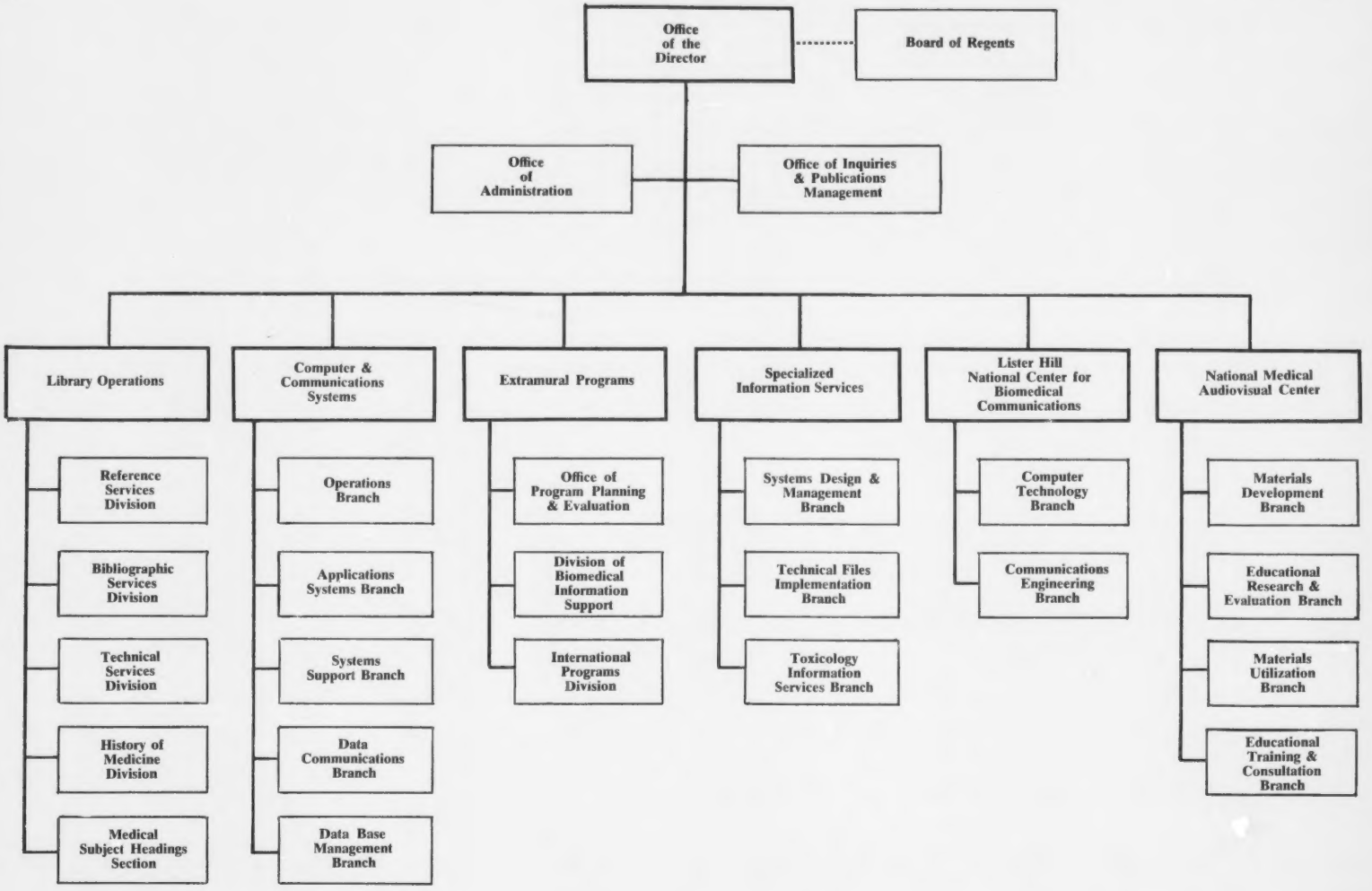

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